

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEP 14 2006

Re application of:

Charles H. Winter et al.

Group Art Unit: 2818

Serial No.: 10/549,950

Examiner: Unknown

Filed: September 20, 2005

For: METAL OXIDE-CONTAINING NANOPARTICLES

Attorney Docket No.: WSU 0200 PUSA

**SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(b)**

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Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and §§ 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or SB08B are being submitted herewith for consideration by the Examiner. This statement is being filed in accordance with 37 C.F.R. § 1.97(b).

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While this Statement is being filed in compliance with the duty of disclosure, citation of the listed references is not to be construed as an admission that any of the references are "material" as defined under 37 C.F.R. § 1.56(b).

Consideration and entry into the record of the listed references is respectfully requested.

Respectfully submitted,

Charles H. Winter

By: 

James W. Proscia

Reg. No. 47,010

Attorney/Agent for Applicant

Date: 9/12/06

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<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>14 2006 Use as many sheets as necessary)</p> <p><i>TRADEMARKS</i></p>		<i>Complete if Known</i>		
		Application Number	10/549,950	
		Filing Date	September 20, 2005	
		First Named Inventor	Charles H. Winter et al.	
		Group Art Unit	2818	
		Examiner Name	Unknown	
1	of	3	Attorney Docket Number	WSU 0200 PUSA

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449B/PTO				Complete if Known	
				Application Number	10/549,950
				Filing Date	September 20, 2005
				First Named Inventor	Charles H. Winter et al.
				Group Art Unit	2818
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket Number	WSU 0200 PUSA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Surface and Size Effect on the Lattice Parameter in Small Particles of Gold and Platinum", C. Solliard & M. Flueli, SURFACE SCIENCE, 156, 1985, pgs. 487-494	
		"Dependence of Lattice Parameters", J. Woltersdorf et al., SURFACE SCIENCE, pgs. 65-69	
		"Hyperfine Interactions in Stripped Atoms Isoelectronic with Alkali Atoms", S.N. Ray, James E. Rodgers & T.P. Das, THE AMERICAN PHYSICAL SOCIETY, Volume 13, Number 6, June 1976	
		"The Melting of Small Particles of Lead and Indium", C.J. Coombes, JOURNAL OF PHYSICS F - METAL PHYSICS, Volume 2, 1972, pgs. 440-448	
		"Melting Behavior of Nanocrystalline Aluminum Powders", J. Eckert, J.C. Holzer, C.C. Ahn, Z. Fu and W.L. Johnson, NANOSTRUCTURED MATERIALS, Vol. 2, 1983, pgs. 407-413	
		"The Size Dependence of the Melting Point of Small Particles of Tin", C.R.M. Wronski, BRITISH JOURNAL OF APPLIED PHYSICS, Volume 18, January to December 1967, pgs. 1731-1737	
		"The Instability of Polycrystalline Thin Films: Experiment and Theory", K.T. Miller & F.F. Lange, JOURNAL OF MATERIALS RESEARCH, Vol. 5, No. 1, Jan. 1990, pgs. 151-160	
		"Condensation of Ordered nanocrystal Thin Films", Brian A. Korgel & Donald Fitzmaurice, PHYSICAL REVIEW LETTERS, Volume 80, Number 16, 20 April 1998, pgs. 3531-3534	
		"The Cracking and Decohesion of Thin Films", A.G. Evans, M.D. Drory & M.S. Hu, JOURNAL OF MATERIALS RESEARCH, Volume 3, Number 5, September/October 1988, pgs. 1043-1049	
		"Spin-On Cu Films for Ultralarge Scale Integrated Metallization", Hirohiko Murakami et al., JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B, 17(5), Sep/Oct 1999, pgs. 2321-2324	
		"Chemical Vapor Deposition of Copper for Multilevel Metallization", Alain E. Kaloyerous & Michael A. Fury, MATERIAL RESEARCH SOCIETY BULLETIN, Volume XVIII, Number 6, June 1993, pgs. 22-28	

Examiner Signature	Date Considered
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²Unique citation designation number. ³Applicant is to place a check mark here if English language Translation is attached.

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		"Estimation of the Variation of the melting Temperature with the Size of Small Particles, on the Basis of a Surface-Phonon instability Model", M. Wautelet, JOURNAL OF PHYSICS D, APPLIED PHYSICS, Volume 24, Number 3, 14 March 1991, pgs. 343-346	

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